

Amendments to Abstract:

ABSTRACT

The present invention relates to a method Methods and systems for analyzing a liquid sample by injection of the latter sample into a reaction loop coupled with illumination means a light source and detection means detector, which comprises the following steps: includes [[

-]] filling a the reaction loop with a minimum volume of the sample to be analyzed, this reaction loop forming a transparent pipe with which detection means are detector is coupled, [[

-]] injecting a fixed volume of at least one reagent into the reaction loop, [[

-]] detecting levels of filtered light by these detection means with the detector, [[

-]] and discharging reagents located in the reaction loop.[[.]]

The present invention also relates to a system for analyzing a liquid sample.

REPLACEMENT PAGE

ABSTRACT

Methods and systems for analyzing a liquid sample by injection of the sample into a reaction loop coupled with a light source and detector, which includes filling the reaction loop with a minimum volume of the sample to be analyzed, this reaction loop forming a transparent pipe with which detector is coupled, injecting a fixed volume of at least one reagent into the reaction loop, detecting levels of filtered light with the detector, and discharging reagents located in the reaction loop.